

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

BOX PATENT APPLICATION

The Commissioner of Patents and Trademarks
P.O. Box 1450, Alexandria, Virginia 22313-1450

Sir:

Transmitted herewith for filing is a new utility patent
application of: **Ya-Wen CHOU et al.**

Title of Invention: **MICROFLUIDIC PUMP DRIVEN BY THERMOACOUSTIC
EFFECT**

Enclosed are:

A specification and 12 claims.

Five (5) sheets of formal drawings (Figs. 1-6).

A Combined Declaration and Appointment of Attorney

Claim for Priority and Priority Document

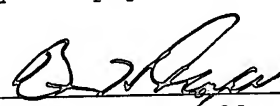
Assignment to: **Industrial Technology Research Institute**

The filing fee has been calculated as shown below:

| FOR: | NO. FILED | NO. EXTRA | <u>SMALL</u> <u>ENTITY</u> <u>RATE</u> <u>FEE</u> | <u>LARGE</u> <u>ENTITY</u> <u>RATE</u> <u>FEE</u> |
|---|-----------|-----------|---|---|
| BASIC FEE | | | <u>\$385.00</u> | <u>\$770.00</u> |
| TOTAL CLAIMS | 12 - 20 = | <u>0</u> | \$ 9. <u> </u> | \$18. <u> </u> |
| INDEP CLAIMS | 1 - 3 = | <u>0</u> | \$ 43. <u> </u> | \$86. <u> </u> |
| <u> </u> MULTIPLE DEPENDENT CLAIMS | | | <u>\$145. <u> </u></u> | <u>\$290. <u> </u></u> |
| | | TOTAL | | <u>\$770.00</u> |

X The Commissioner is hereby authorized to charge \$810.00 to cover the government filing fee and the assignment recording fee or additional fees associated with this communication, including patent application filing fees and processing fees under 37 CFR 1.16 and 37 CFR 1.17 or credit any overpayment to **Deposit Account No. 501874.**

Date: December 4, 2003


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